

Mouse Monoclonal Antibody to APBA2

Catalogue Number	sAP-1487
Target Molecule	<p>Name: APBA2</p> <p>Aliases: BUB1A; BUB1L; Hbub1</p> <p>MW: 122.4kDa</p> <p>Entrez Gene ID: 699</p>
Description	<p>The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. Multiple transcript variants encoding different isoforms have been found for this gene.;</p>
Immunogen	Purified recombinant fragment of human APBA2 (AA: 15-158) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7G5G11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Neuroreport. 2012 Feb 15;23(3):146-51. ; 2.Autism Res. 2009 Dec;2(6):359-64. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**